

Data Path : Z:\HPCHEM1\BNA M\DATA\BM123115\
 Data File : BM003859.D
 Acq On : 29 Dec 2015 21:09
 Operator : SJ/UM
 Sample : G4848-19
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N65

Manual Integrations
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Sohil
 12/30/2015 3:50:28 PM

Quant Time: Dec 30 04:41:43 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 30 03:30:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	4170	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	18733	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.33	164	11705	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	25870m	0.40	ng/ul	0.00
18) Chrysene-d12	21.29	240	22130	0.40	ng/ul	0.00
22) Perylene-d12	23.52	264	14841m	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	23992	13.46	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.06	152	9411	0.42	ng/ul	-0.01
16) Fluoranthene-d10	19.11	212	24132m	0.44	ng/ul	-0.01
Target Compounds						
5) Naphthalene	10.51	128	196263	4.65	ng/ul	98
7) 2-Methylnaphthalene	12.13	142	21807	0.77	ng/ul	99
9) Acenaphthylene	14.04	152	2138	0.05	ng/ul#	92
10) Acenaphthene	14.38	153	16759	0.47	ng/ul	82
11) Fluorene	15.38	166	14739m	0.37	ng/ul	
14) Phenanthrene	17.11	178	75414m	1.13	ng/ul	
15) Anthracene	17.21	178	5341	0.09	ng/ul#	94
17) Fluoranthene	19.15	202	28806	0.40	ng/ul	93
19) Pyrene	19.51	202	22180	0.37	ng/ul#	94
20) Benzo(a)anthracene	21.27	228	2812	0.05	ng/ul#	93
21) Chrysene	21.32	228	2438m	0.04	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

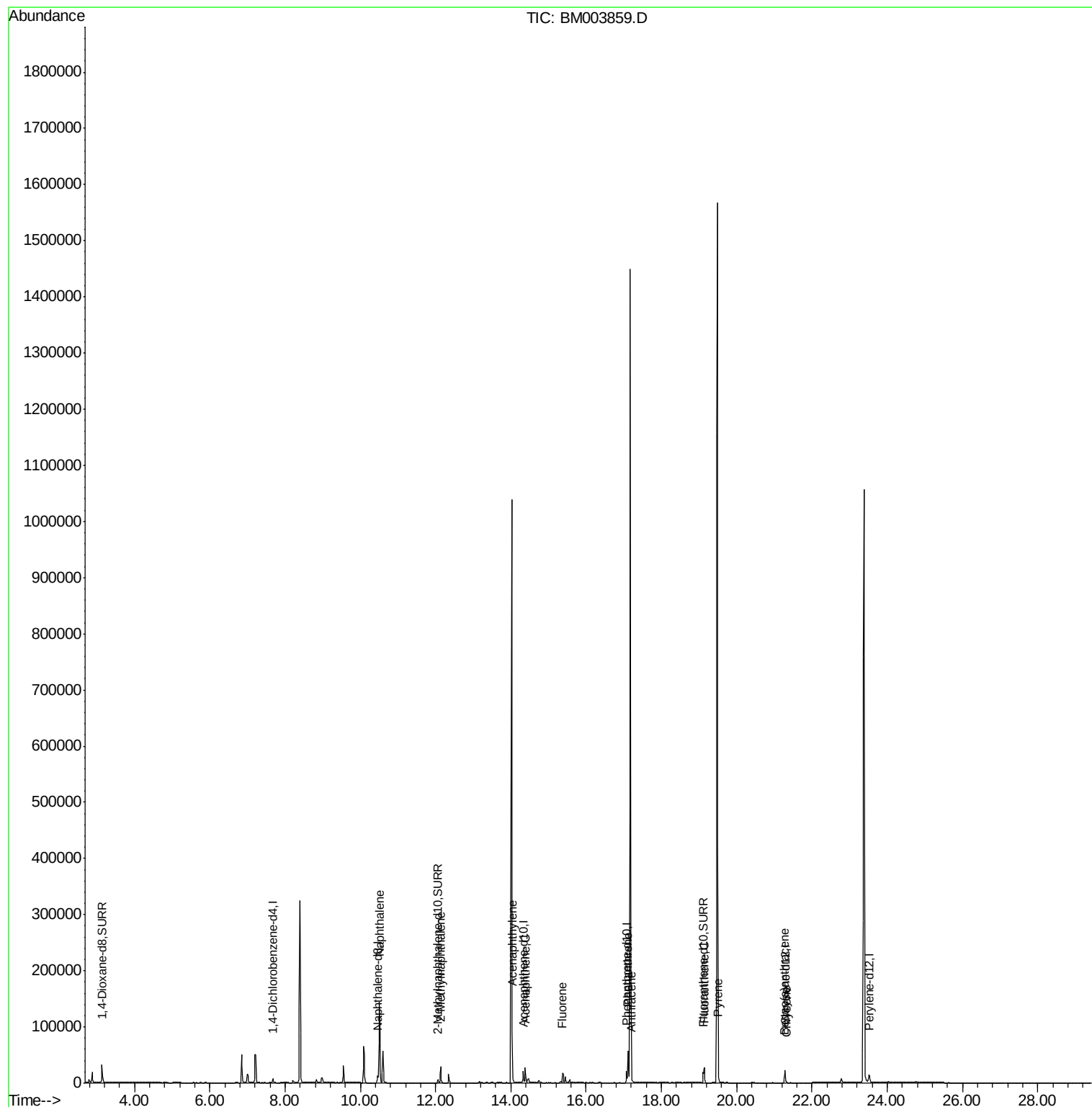
Data Path : Z:\HPCHEM1\BNA M\DATA\BM123115\
Data File : BM003859.D
Acq On : 29 Dec 2015 21:09
Operator : SJ/UM
Sample : G4848-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

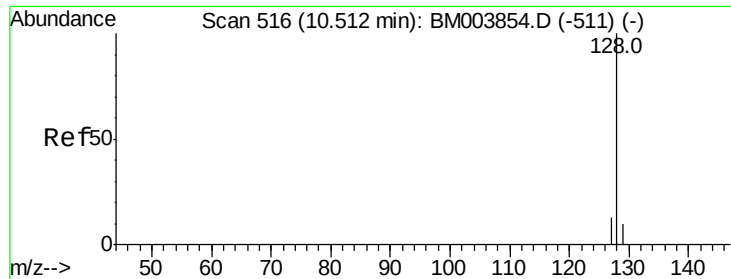
Instrument :
BNA_M
ClientSampleId :
D9N65

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Quant Time: Dec 30 04:41:43 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
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QLast Update : Wed Dec 30 03:30:26 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 4.65 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.00 min

Lab File: BM003859.D

Acq: 29 Dec 2015 21:09

Instrument :

BNA_M

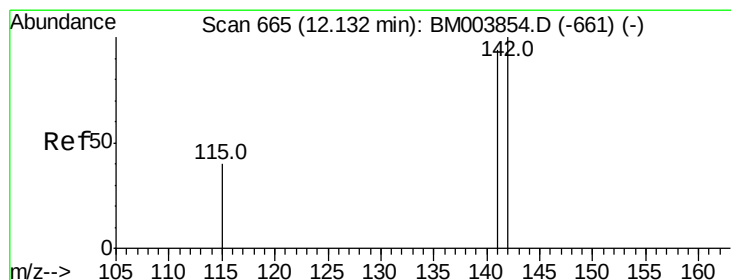
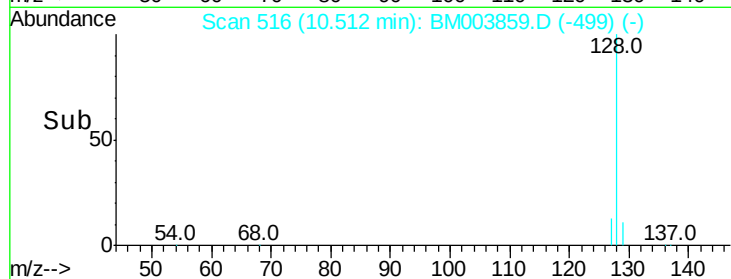
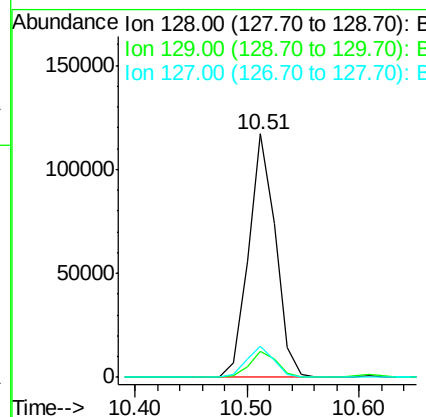
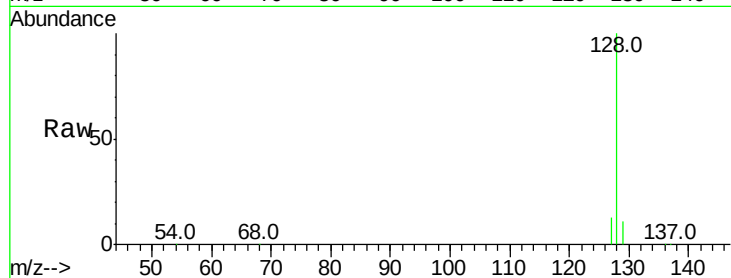
ClientSampleId :

D9N65

Tot Ion:	128	Resp:	196263
Ion Ratio	Lower	Upper	
128	100		
129	10.7	9.0	13.6
127	12.9	9.6	14.4

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#7

2-Methylnaphthalene

Concen: 0.77 ng/ul

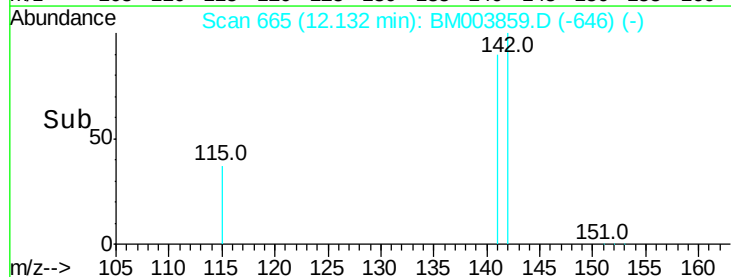
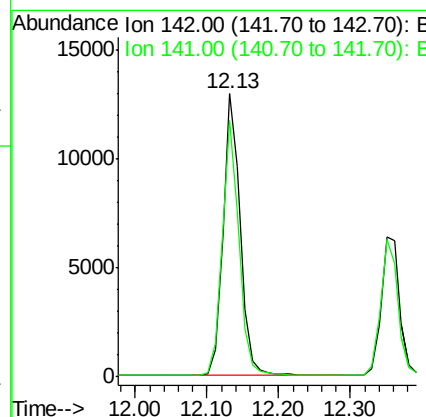
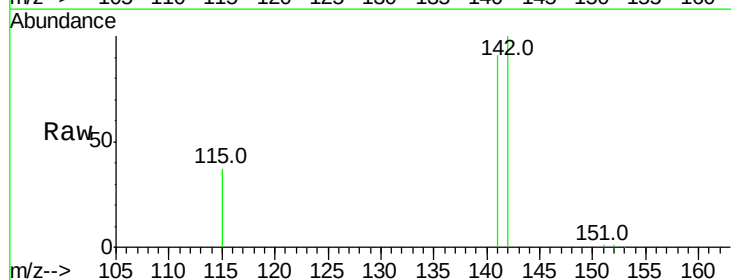
RT: 12.13 min Scan# 665

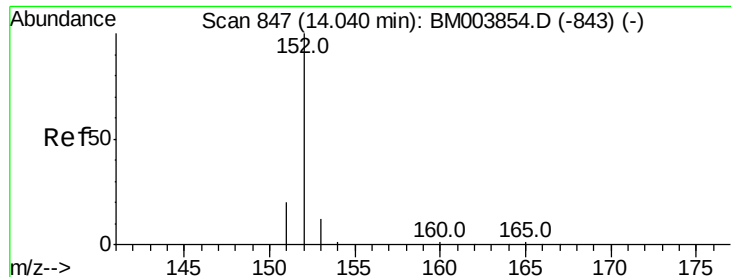
Delta R.T. -0.00 min

Lab File: BM003859.D

Acq: 29 Dec 2015 21:09

Tgt Ion:	142	Resp:	21807
Ion Ratio	Lower	Upper	
142	100		
141	89.1	70.3	105.5





#9

Acenaphthylene

Concen: 0.05 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. -0.00 min

Lab File: BM003859.D

Acq: 29 Dec 2015 21:09

Instrument :

BNA_M

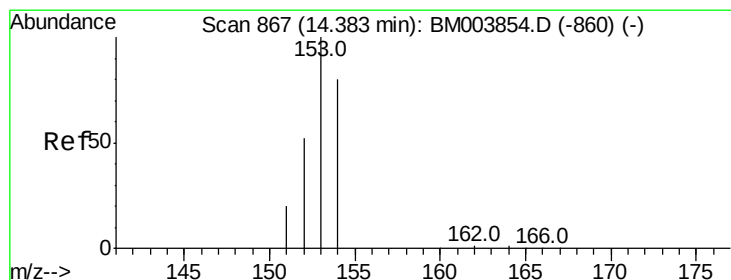
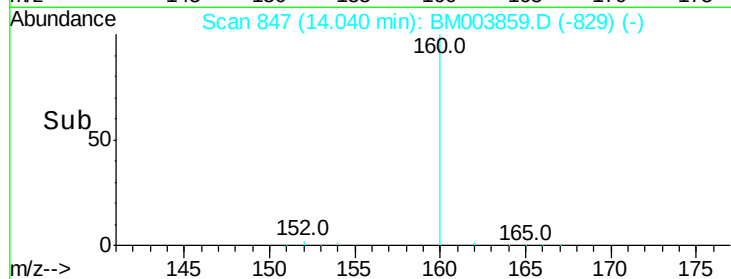
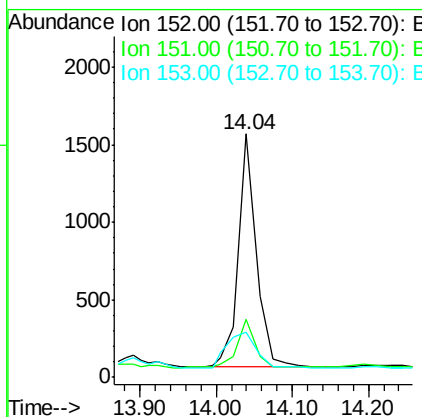
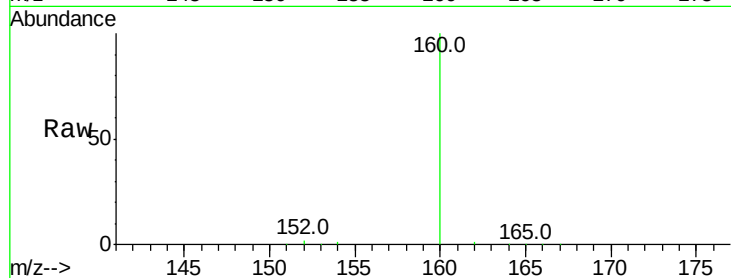
ClientSampleId :

D9N65

Tot Ion:	152	Resp:	2138
Ion Ratio	Lower	Upper	
152	100		
151	23.8	17.6	26.4
153	18.7	9.7	14.5#

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#10

Acenaphthene

Concen: 0.47 ng/ul

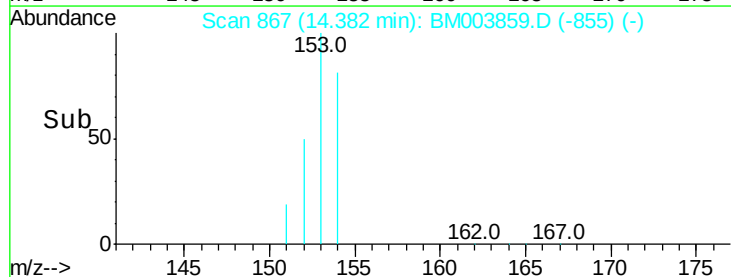
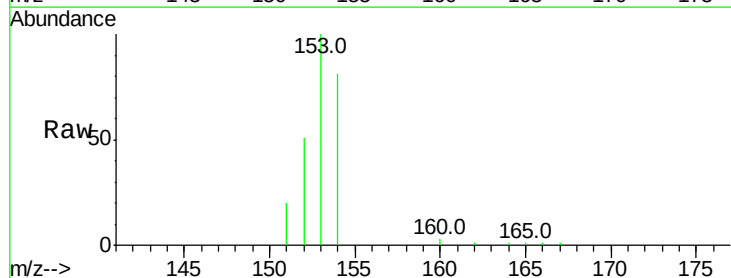
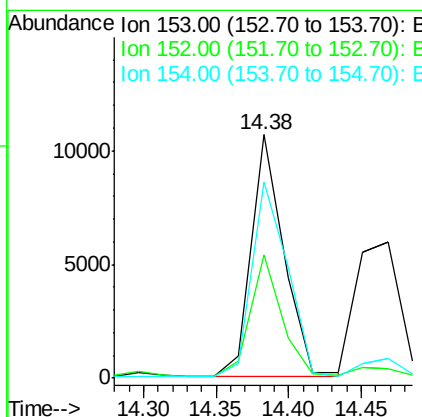
RT: 14.38 min Scan# 867

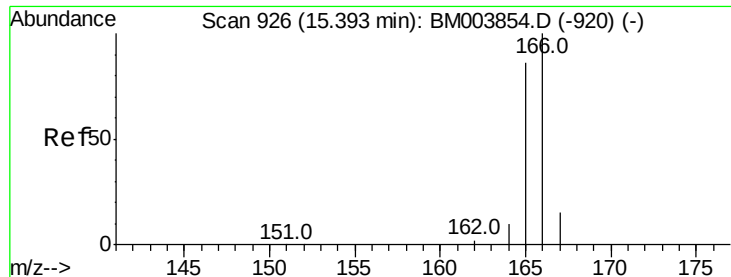
Delta R.T. -0.00 min

Lab File: BM003859.D

Acq: 29 Dec 2015 21:09

Tgt Ion:	153	Resp:	16759
Ion Ratio	Lower	Upper	
153	100		
152	50.6	33.9	50.9
154	80.8	80.6	121.0





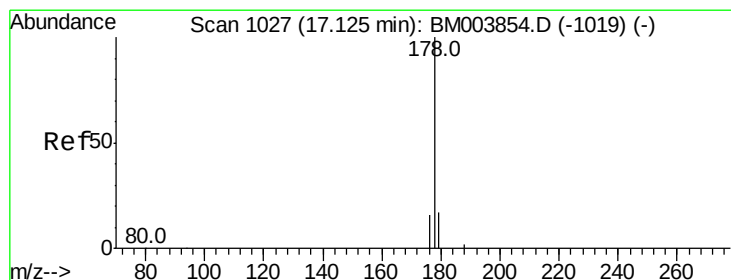
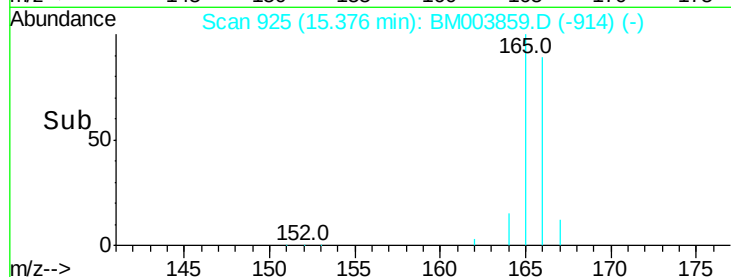
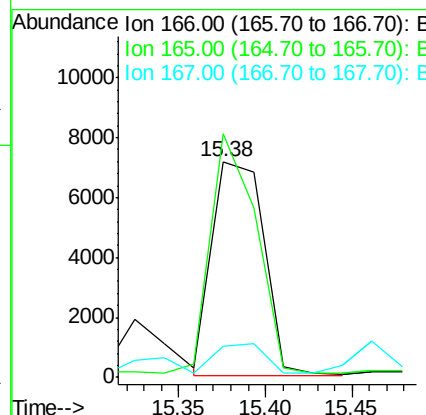
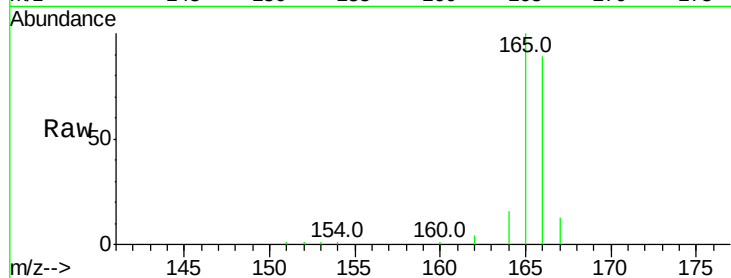
#11
Fluorene
Concen: 0.37 ng/ul m
RT: 15.38 min Scan# 925
Delta R.T. -0.02 min
Lab File: BM003859.D
Acq: 29 Dec 2015 21:09

Instrument :
BNA_M
ClientSampleId :
D9N65

Tot Ion	Ratio	Lower	Upper
166	100		
165	112.9	69.6	104.4#
167	14.5	11.9	17.9

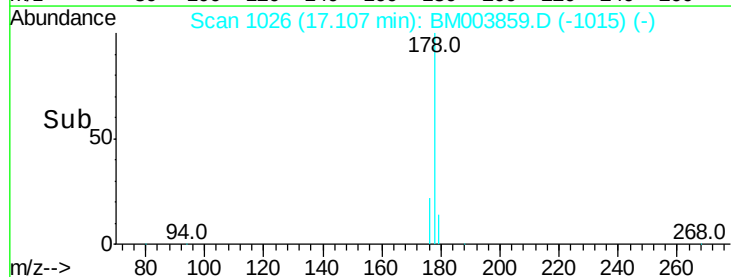
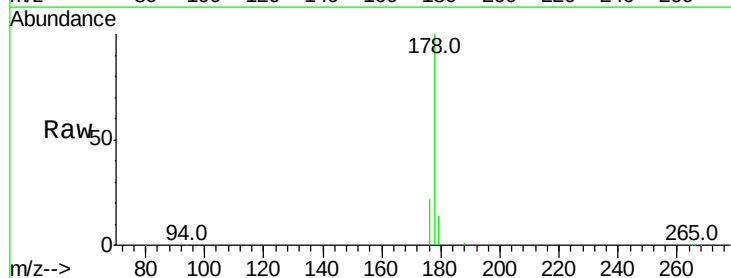
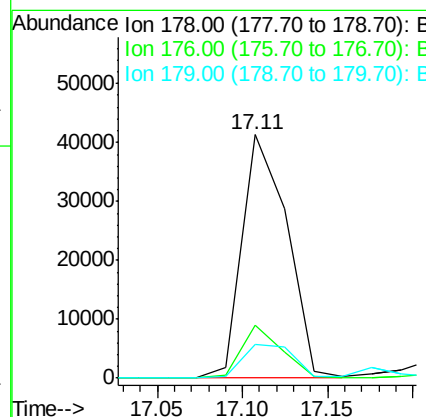
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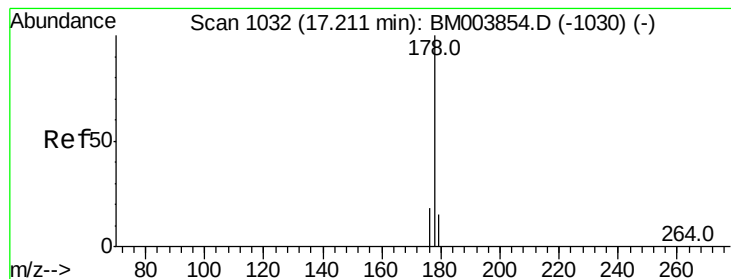
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#14
Phenanthrene
Concen: 1.13 ng/ul m
RT: 17.11 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BM003859.D
Acq: 29 Dec 2015 21:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.8	13.0	19.4#
179	13.8	14.2	21.2#





#15

Anthracene

Concen: 0.09 ng/ul

RT: 17.21 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BM003859.D

Acq: 29 Dec 2015 21:09

Instrument :

BNA_M

ClientSampleId :

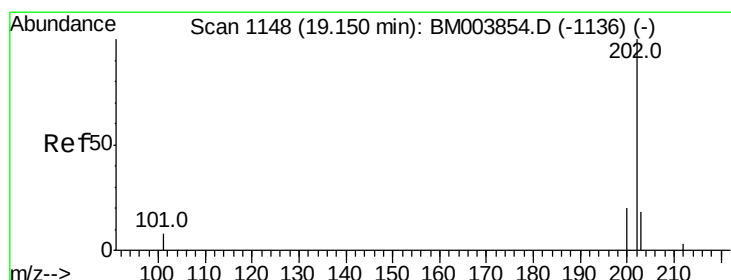
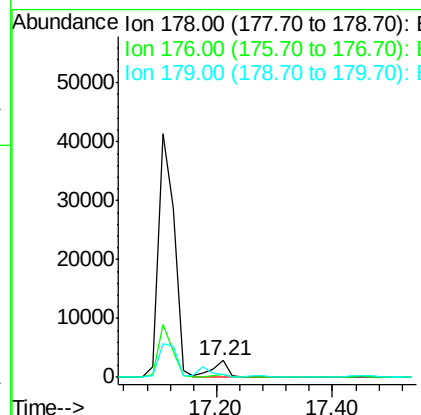
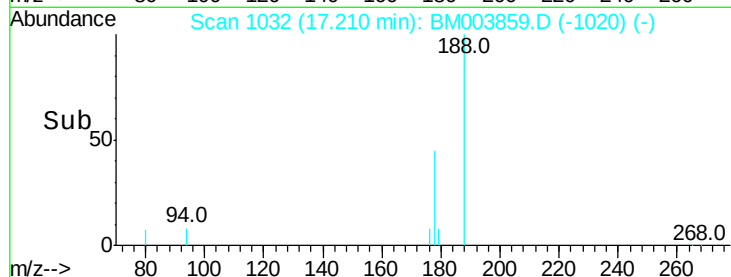
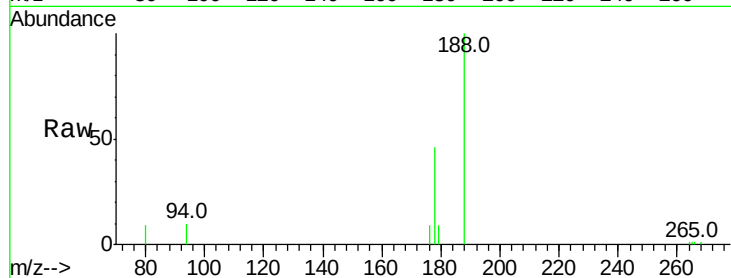
D9N65

Tot Ion:178 Resp: 5341

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.0	21.0
179	20.1	12.9	19.3

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#17

Fluoranthene

Concen: 0.40 ng/ul

RT: 19.15 min Scan# 1148

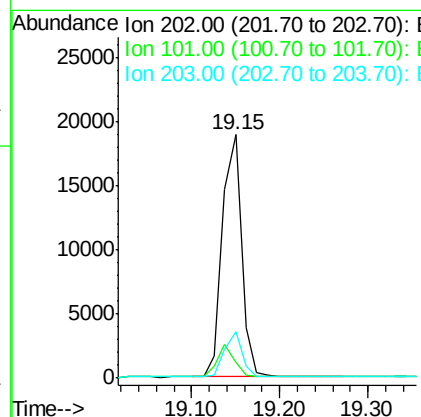
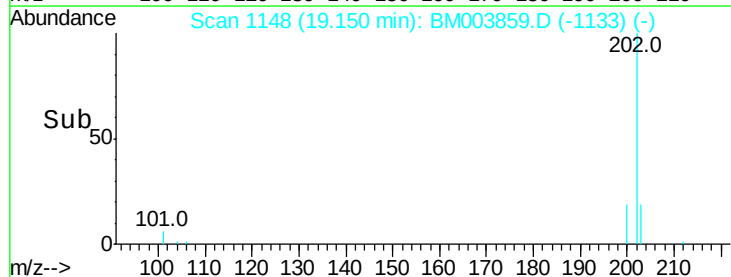
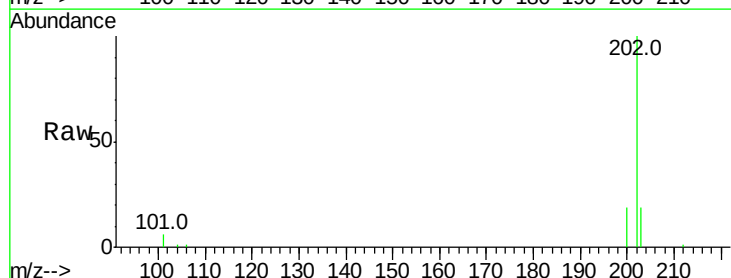
Delta R.T. -0.00 min

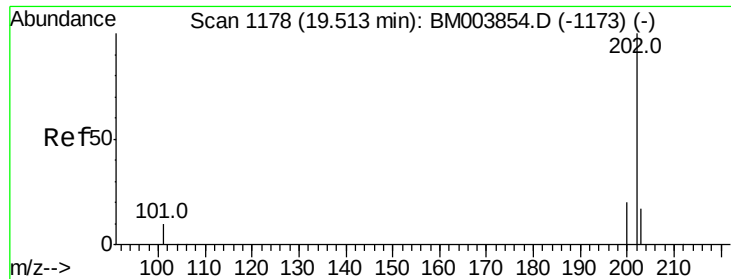
Lab File: BM003859.D

Acq: 29 Dec 2015 21:09

Tgt Ion:202 Resp: 28806

Ion	Ratio	Lower	Upper
202	100		
101	6.3	0.0	29.6
203	19.0	0.0	36.3





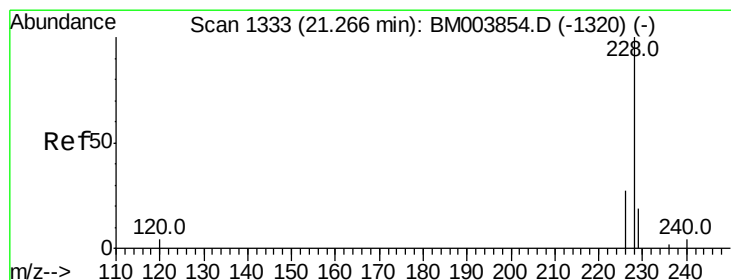
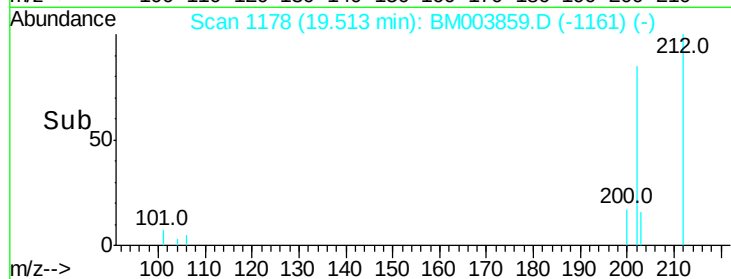
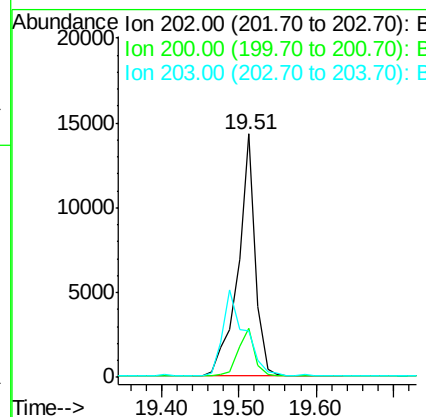
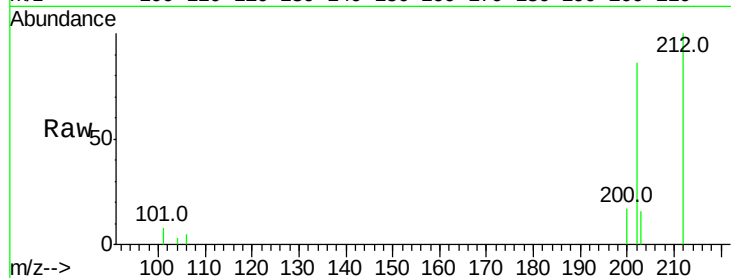
#19
Pvrene
Concen: 0.37 ng/ul
RT: 19.51 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BM003859.D
Acq: 29 Dec 2015 21:09

Instrument :
BNA_M
ClientSampleId :
D9N65

Tot Ion:	202	Resp:	22180
Ion Ratio		Lower	Upper
202	100		
200	20.0	17.8	26.8
203	19.2	12.8	19.2#

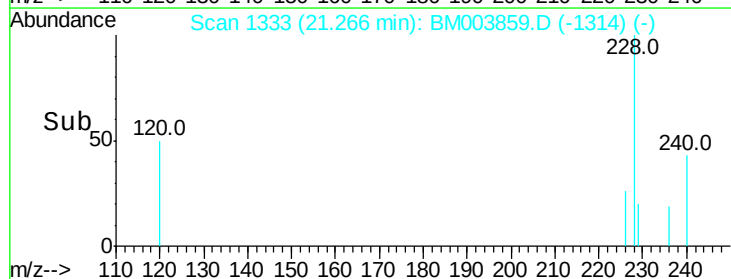
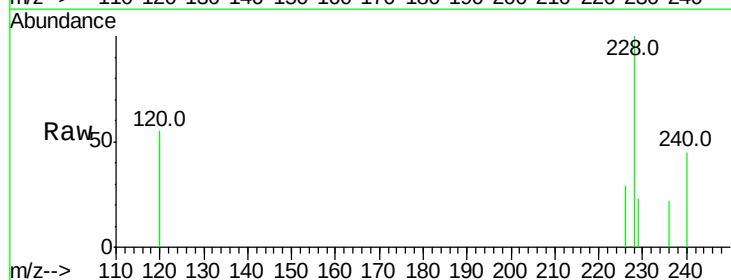
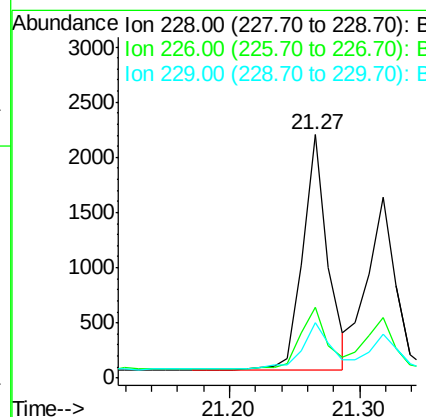
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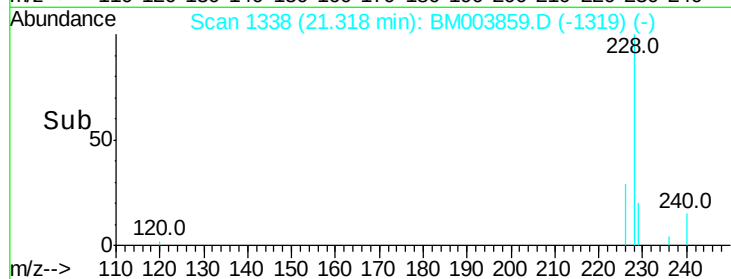
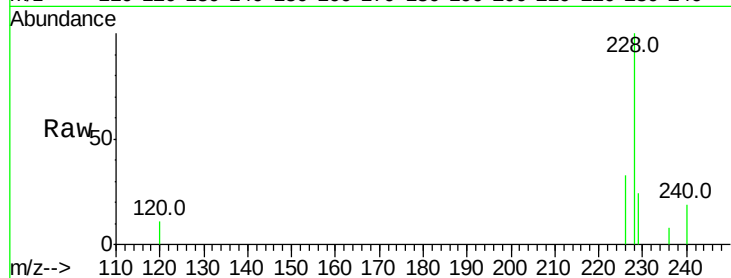
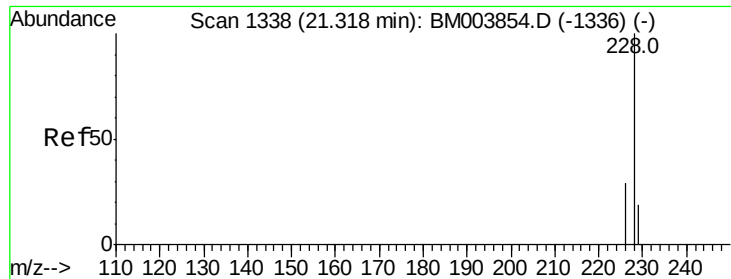
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#20
Benzo(a)anthracene
Concen: 0.05 ng/ul
RT: 21.27 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BM003859.D
Acq: 29 Dec 2015 21:09

Tgt Ion:	228	Resp:	2812
Ion Ratio		Lower	Upper
228	100		
226	29.1	18.8	28.2#
229	22.9	17.1	25.7





#21

Chrysene

Concen: 0.04 ng/ul m

RT: 21.32 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BM003859.D

Acq: 29 Dec 2015 21:09

Instrument :

BNA_M

ClientSampleId :

D9N65

Tot Ion: 228 Resp: 2438

Ion Ratio Lower Upper

228 100

226 33.0 21.2 31.8#

229 24.2 17.0 25.6

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